

LIST OF CURRENT CLAIMS

1. (Currently Amended) A projection device, wherein light emitted from at least one light source[[,]] is split in into different colors, ~~in particular primary colors~~, and subsequently is transmitted to respective light valves, said projection device comprising several optical components including a plurality of light splitting elements, wherein said optical components are arranged ~~in such configuration that at least one splitting takes place~~ such that each of said light splitting elements is located at a location in which the light of said at least one light source is still in a quasi-parallel or parallel state.

2. (Currently Amended) [[A]] The projection device according to claim 1, ~~wherein light emitted from at least one light source by means of light splitting elements, is split in different colors, in particular primary colors, and subsequently, is transmitted to respective light valves, said projection device further comprising several optical components, amongst which at least one light integrator or light integrator component, which integrator or light integrator component is located in the~~ a light path followed by the light downstream of at least one of said light splitting elements.

3. (Currently Amended) The projection device according to claim 2, wherein said device at least one light integrator component comprises a ~~light integrator or~~ light integrator component[[s]] for each of said colors, ~~each of these said light integrators or~~ light integrator component[[s]] being located in the light path ~~followed by the light~~ downstream of the a light splitting element[[s]] creating the light of the a respective color concerned.

4. (Original) The projection device according to claim 2, wherein said light integrator components are substantially composed of fly-eye lenses, forming part of a fly-eye integrator.

5. (Currently Amended) The projection device according to claim 2, wherein in ~~the path of the light~~ a light path of at least one primary color, after being ~~split~~ split from the other primary colors, a polarizer, ~~in particular a prepolarizer, for example a prepolarizing array,~~ is provided downstream from the corresponding ~~integrator or~~ light integrator component[[s]].

6. (Currently Amended) The projection device according to claim 2, wherein, in ~~the path followed by the light~~ a light path directly or indirectly downstream from said ~~integrator or~~ light integrator components, an imaging lens or condenser lens is provided.

7. (Currently Amended) The projection device according to claim 2, wherein, ~~the path followed by the light upstream from the light splitting elements, is free from an~~ are located before any integrator or integrator components.

8. (Currently Amended) The projection device according to claim 2, wherein ~~the path followed by the light, upstream from the light splitting elements is free from~~ are located before any sort of polarizer, ~~in particular prepolarizing arrays.~~

9. (Currently Amended) The projection device according to claim 2, wherein ~~the path followed by the light, upstream from the light splitting elements, is free from~~ are located before any sort of imaging or condenser lenses.

10. (Currently Amended) A projection device, wherein light emitted from at least one light source ~~by means of light splitting elements,~~ is split ~~in~~ into different colors, ~~in particular primary colors, the different colors being~~ and subsequently, is transmitted to

respective light valves, said projection device comprising several optical components including a plurality of light splitting elements and amongst which at least one polarizer, ~~in particular a prepolarizing array~~, wherein ~~this~~ the polarizer ~~or prepolarizing array~~ is located downstream from at least one of the light splitting elements, ~~and preferably downstream of all light splitting elements which are required to obtain the light of the color in which said polarizer or prepolarizing array is located, and wherein said light splitting elements are located in a location in which the light of said at least one light source is still in a quasi-parallel or a parallel state.~~

11. (Currently Amended) A projection device, wherein light emitted from at least one light source, is split ~~in different colors, in particular~~ by a plurality of light splitting elements into primary colors, and subsequently is transmitted to respective light valves, wherein these light valves create colored images which by means of polarizing beam splitters, are directed to a color composition element, ~~such as an X-cube~~, wherein at least one of said polarizing beam splitters, ~~and preferably each of said polarizing beam splitters, consist of~~ comprise wire-grid polarizers; and wherein said light splitting elements are located in a location in which the light of said at least one light source is still in a quasi-parallel or a parallel state.

12. (Currently Amended) A method for transmitting light in a projection device, wherein light emitted from at least one light source is split in different colors, in particular primary colors, and subsequently, is transmitted to respective light valves, ~~wherein one of the following steps or a combination of two or more of the following steps takes place comprising the steps of:~~

~~[[ - ]] that for at least one of said colors, or for at least one group of already split off colors, and preferably for each of said colors, the splitting of the light takes place at a location in which the light of said at least one light source is still in a quasi-parallel or parallel state; and~~

performing at least one of the following steps:

[[~~-~~]] ~~that for at least one of said colors, or for at least one group of already split-off colors, and preferably for each of said colors, carrying out an integration takes place after the splitting in~~ of the respective color or group of colors is carried out;

[[~~-~~]] ~~that for at least one of said colors, or for at least one group of already split-off colors, and preferably for each of said colors, carrying out a prepolarization takes place after the splitting in~~ of the respective color or group of colors is carried out, whereby this polarization the prepolarization in case of an integration of the light is preferably carried out after this the integration;

[[~~-~~]] ~~that for at least one of said colors, or for at least one group of already split-off colors, and preferably for each of said colors, a splitting upto this~~ of the at least one color or group of colors, takes place before any focussing focusing with respect to this color or group of colors is carried out;

[[~~-~~]] ~~that by means of the light valves creating colored images are created which by means of polarizing beam splitters are directed to a color composition element, such as an X-cube, wherein for said polarizing beam splitters, wire-grid polarizers are applied;~~

[[~~-~~]] ~~that the transmitting light of the different colors is transmitted through the projection device in such a manner that, in respect to each other, an inversion is excluded, this preferably in combination with the use of an X-cube and transmissive displays.~~

13. (Currently Amended) The method according to claim 12, wherein before the first splitting step of the splitting into the primary colors, and preferably before any of all splitting steps applied, no integration ~~and/or no~~ or focussing focusing takes place.